TARGET SEQUENCE

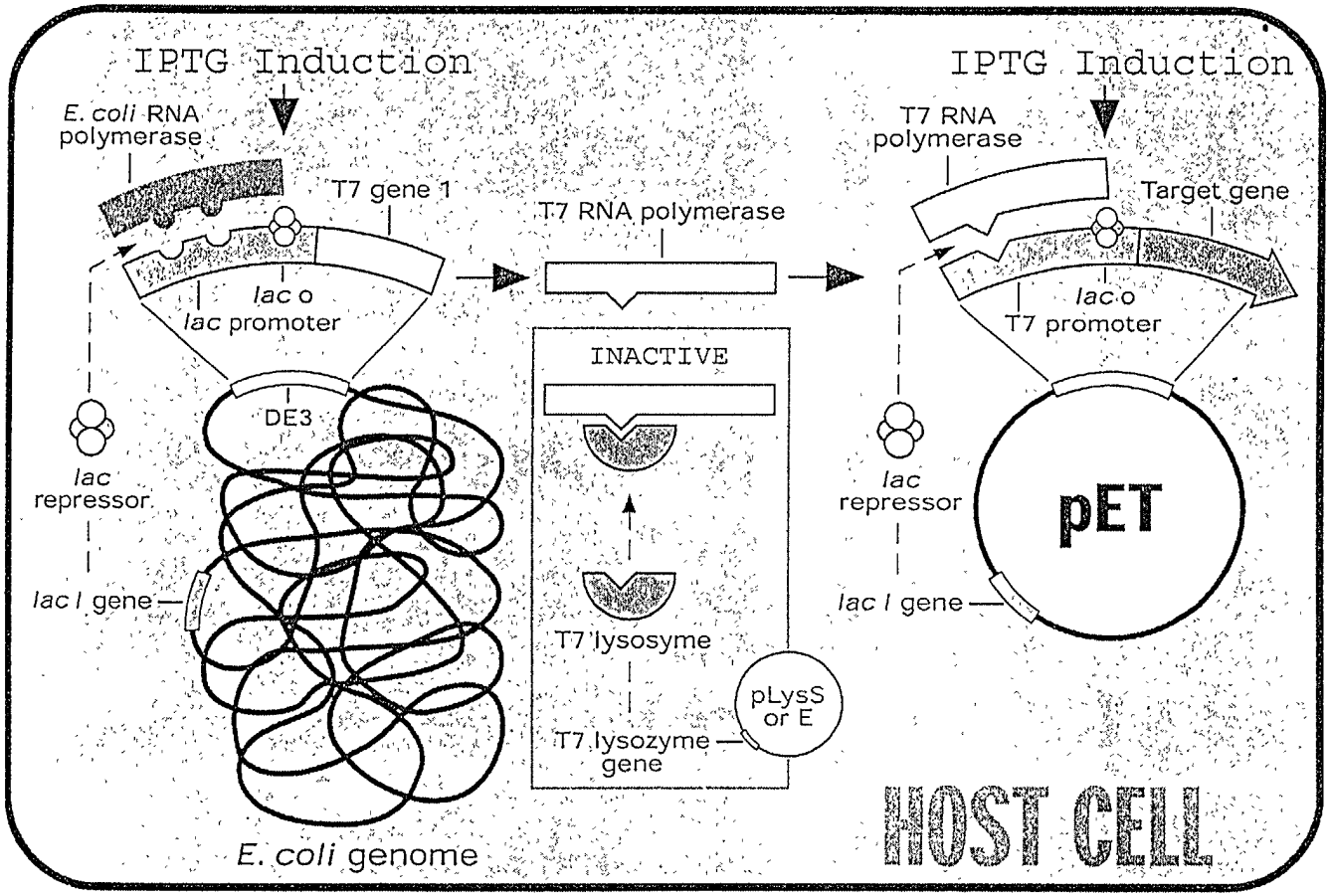
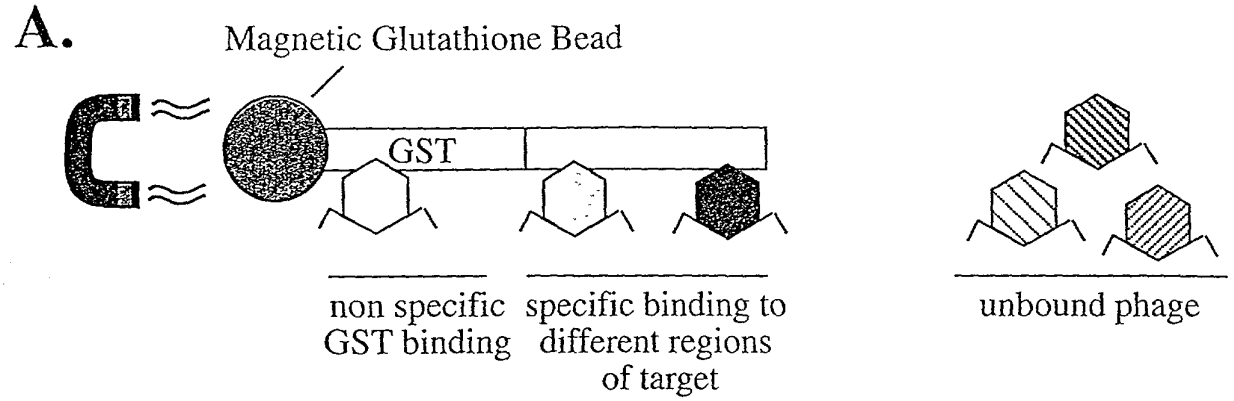
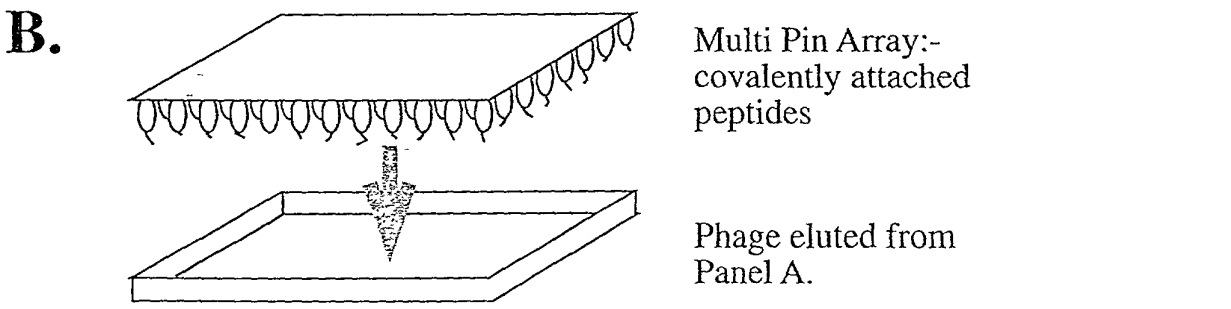


FIG. 1


A.
Magnetic Glutathione Bead
GST
non specific GST binding
specific binding to different regions of target
unbound phage


B.
Multi Pin Array:- covalently attached peptides
Phage eluted from Panel A.

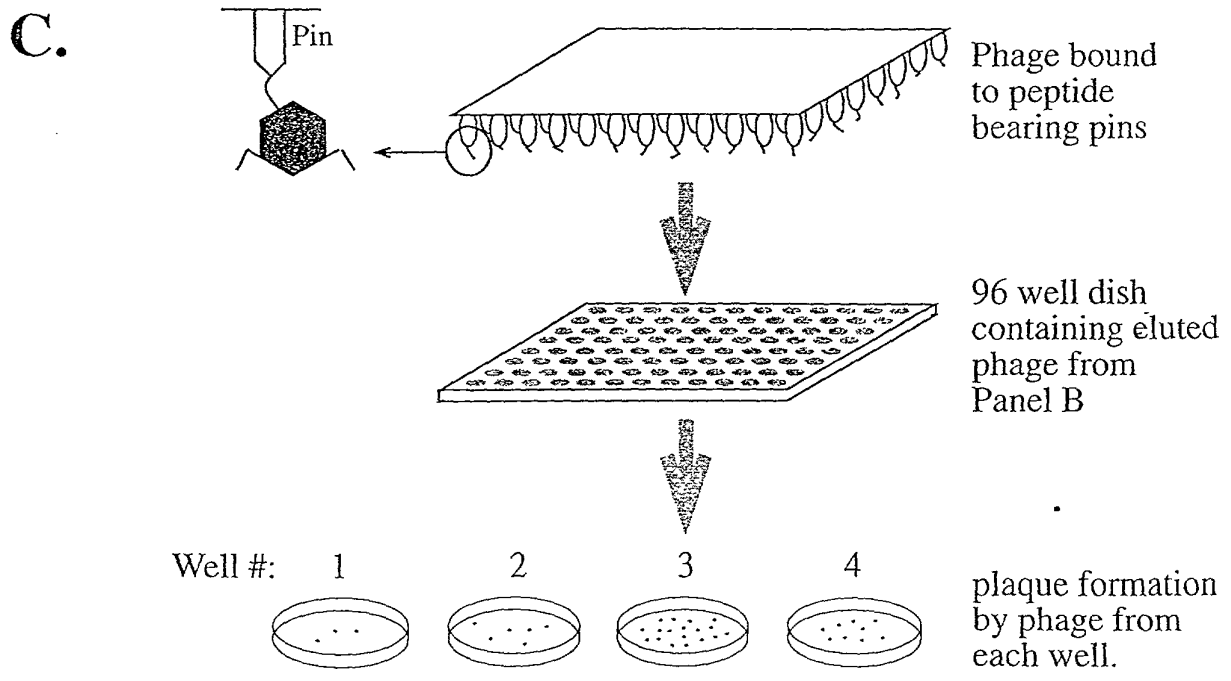

C.
Pin
Phage bound to peptide bearing pins
96 well dish containing eluted phage from Panel B
Well #: 1 2 3 4
plaque formation by phage from each well.

FIG 2

FIG. 3

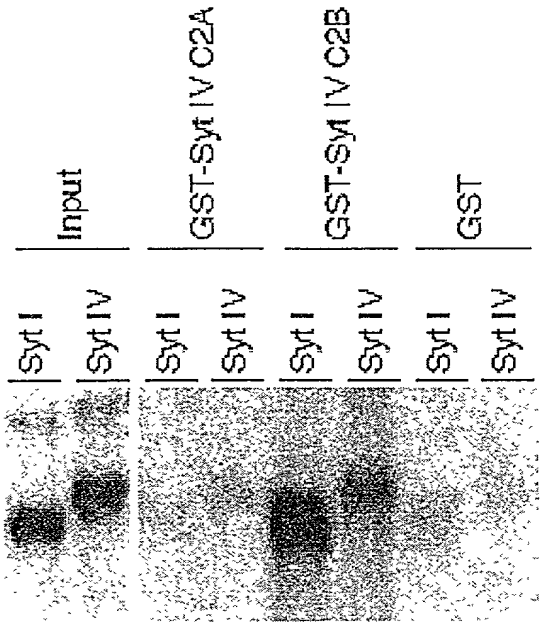

Input
GST-Syt IV C2A
GST-Syt IV C2B
GST
Column Immobilized
Syt I
Syt IV
Syt I
Syt IV
Syt I
Syt IV
Syt I
Syt IV
In vitro translated

FIG.4

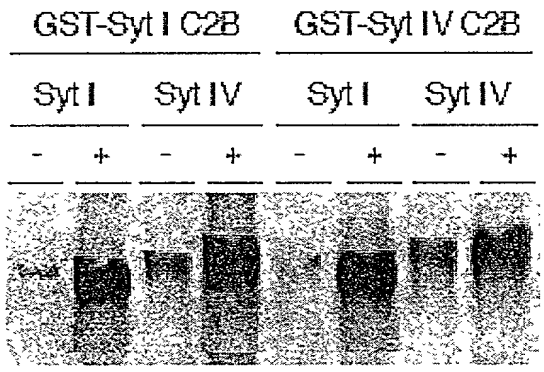

GST-Syt I C2B
GST-Syt IV C2B
Column Immobilized
Syt I
Syt IV
Syt I
Syt IV
In vitro translated
-
+
-
+
-
+
-
+

FIG. 5

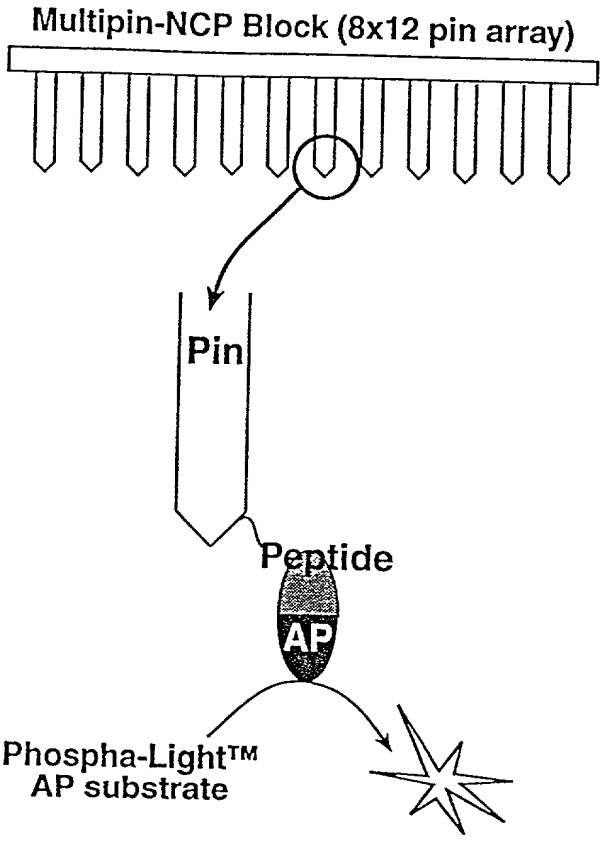
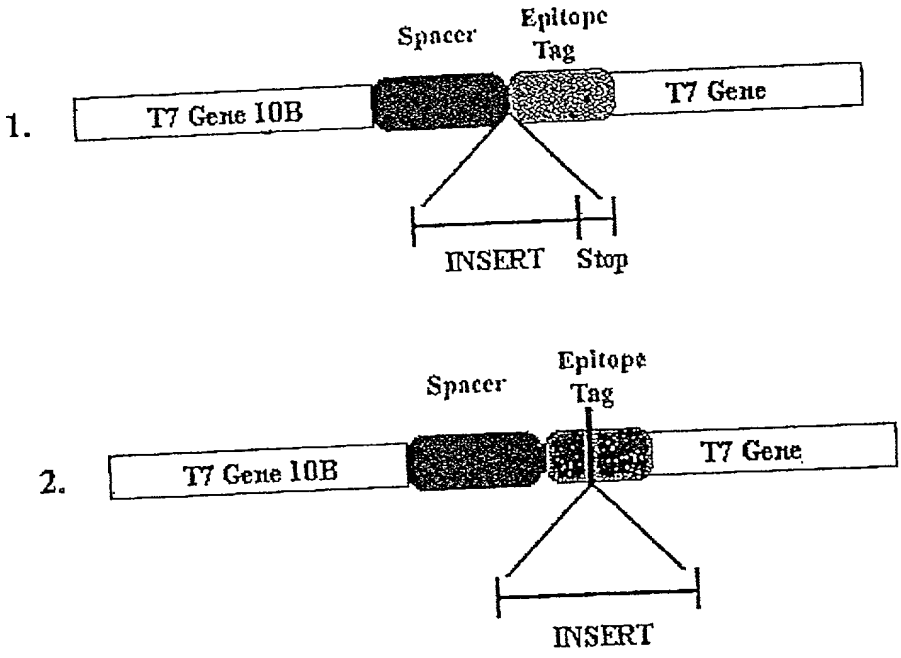

Multipin-NCP Block (8x12 pin array)
Pin
Peptide
AP
Phospha-Light™
AP substrate

FIG. 6

Spacer Insertion and Negative Selection System